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## Claims

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1. A process for the isolation and/or purification of a proteinaceous material comprising the steps:
- (a) providing an aqueous sample comprising a proteinaceous material,
- (b) contacting the aqueous sample with a solid phase comprising a mixture of hydrophobic groups and hydrophilic groups on at least one surface thereof, wherein said proteinaceous material binds to said at least one surface, and
- 10 (c) separating off other sample components.
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2. The process according to claim 1, wherein the solid phase comprises solid particles.
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3. The process according to claim 1 or 2, wherein the solid phase comprises solid particles having a diameter from  $\geq 1$  nm to  $\leq 10$  mm.
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4. The process according to claim 2 or 3, wherein said particles are magnetic.
5. The process of claim 4, wherein the particles are paramagnetic or/and ferromagnetic.
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6. The process according to ~~any of claims 1 to 5~~, wherein the hydrophobic groups are selected from alkyl groups or/and aryl groups.
7. The process according to claim 6, wherein the alkyl groups are selected from  $C_8$  alkyl,  $C_{18}$  alkyl and mixtures thereof.

claim 1